Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 02 Aug 2022 until 23:59 on Wednesday 03 Aug 2022

Forecast Issued on Monday 01 Aug 2022 at 15:27

Confidence: High for poor conditions on Tuesday, moderate for improvements overnight and during Wednesday.

Headline for Tuesday 02 Aug 2022: Widespread low cloud and heavy rain, improving slightly this afternoon.

Mountain weather hazards on Tuesday 02 Aug 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Drizzle	Drizzle	Drizzle
Precipitation probability							
50%	60%	60%	60%	40%	30%	30%	30%

Forecast for Tuesday 02 Aug 2022

Weather: Widespread low cloud and heavy rain through the early hours and into the morning. Rain becoming lighter and more sporadic by midday, but still overcast with low cloud at times. Into the afternoon there may be some brief clear spells, particularly towards the east of the park. Patchy cloud continuing into the evening with outbreaks of drizzle. Strong winds throughout but feeling mild.

Chance of cloud-free hill tops above 600m: 30% increasing to 80% in the afternoon.

Low cloud and visibility: Very poor visibility in extensive low cloud base 300-400m during the morning. Visibility improving to moderate to good later with cloud lifting mostly above summits. Moderate visibility is possible in drizzle later.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Tuesday 02 Aug 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/33 SW	26/35 SW	25/34 SW	27/37 SW	26/36 SW	23/33 SW	22/31 SW	24/33 SW	24/35 SW
300	19/27 SW	21/31 SW	20/29 SW	21/31 SW	21/31 SW	18/28 SW	18/28 SW	18/28 SW	18/28 SW
Valley	11/26 SW	12/28 SW	12/27 SW	14/29 SW	15/29 SW	14/29 SW	12/26 SW	13/27 SW	13/27 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/10	15/10	15/11	16/11	17/12	17/13	17/13	15/11	15/11
300	16/13	16/13	17/14	18/14	19/15	20/16	19/16	18/15	17/14
Valley	16/15	17/15	17/16	18/16	20/17	20/18	20/18	18/16	17/16
Freezing Level*	3900m	3800m	3600m	3800m	3800m	3500m	3300m	3300m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A challenging morning with poor visibility on many routes and heavy rain. Winds are also expected to be strong throughout the day, particularly around exposed summits with potential for 45-50mph gusts.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 01 Aug 2022	0mm	16.6mm	16.8mm

Forecast for Wednesday 03 Aug 2022

Weather: Clear skies developing for much of the area during the early hours of the morning. Then some fair weather cloud bubbling up in the morning with a chance of an isolate shower. Spells of sunshine will become more prolonged again in the afternoon. Winds lighter than yesterday but still feeling breezy.

Maximum wind: West-southwesterly 20mph gusting 30-35mph.

Chance of cloud-free hill tops above 600m: 50% in the morning, increasing to 100% in the afternoon.

Low cloud and visibility: Poor visibility in cloud base 500m over summits at first, becoming good visibility for the remainder of the day.

Temperature: **Valleys:** Plus 13 Celsius increasing to 20 Celsius
At 600m: Plus 13 Celsius
Freezing level: Above summits

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